

## Abstract

The automatic work apparatus extracts the target image of which  
photos are taken by the left and right CCD cameras, specifies  
5 the spatial position of the target and executes an operation  
to the target by the arm. Two regions, the central region and  
the peripheral ones, allocated to the image taken by the CCD  
camera so that if the target image stays in the peripheral  
10 target image in the central portion and the position  
determining module determines the spatial position of the  
target and then tasks are done for the targets. The relative  
distance from the target is adjusted by transfer equipment.  
This invention is applicable to an automatic work apparatus  
15 that can operate a predetermined operation for moving target  
and an automatic operation control program to carry out such  
operation.

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